

34 Prime Farmlands

C O N T E N T S

Prime Farmlands Identifications.....

Mapping Units That Are Considered Prime Farmland in WV.....

SUBJECT: Prime Farmlands Identifications

DATE:

Soil surveys prepared by the Soil Conservation Service (SCS) will be the basis for final determination of prime farmlands in West Virginia involving surface mining permits. In these cases where soil surveys are not complete in a county and prime farmland involvement is possible, the SCS will conduct a soil survey for the permit area for final determination.

If a permit application contains any areas with less than 10% slope and it is evident the area has been used for crops at least 5 years out of the last 20 years, it is possible that these areas could be considered prime farmlands.

If this condition is present, you should check the SCS soil survey for that county. If a soil survey does not exist for a particular county, you should consult the local SCS District Conservationist for prime farmland determination.

In counties where soil surveys have been published, you must locate the permit on the soils map and by utilizing the symbols on the map, determine the soil types in the proposed area. Then, comparison with the attached list of soils constituting prime farmlands in West Virginia will have to be made. If the soil type is considered prime farmland on the list, the District Conservationist for that county must be contacted for final determination.

If the permit application involves prime farmland, all provisions of Sections 507(b)(16) and 515 (b)(7) of Public Law 95-87 and Section 10 of the West Virginia Surface Mining Regulations will apply.

MAPPING UNITS THAT ARE CONSIDERED**PRIME FARMLAND IN WEST VIRGINIA**

Allegheny loam, shale substratum, 3 to 8 percent slopes
Allegheny fine sandy loam, 3 to 8 percent slopes
Allegheny silt loam, 0 to 3 percent slopes
Allegheny silt loam, 3 to 8 percent slopes
Allegheny silt loam, 2 to 8 percent slopes
Allegheny sandy loam, 0 to 3 percent slopes
Allegheny sandy loam, 3 to 8 percent slopes
Allegheny cobbly loam
Ashton fine sandy loam
Ashton fine sandy loam, 0 to 3 percent slopes
Ashton fine sandy loam, 3 to 8 percent slopes
Ashton loam
Ashton silt loam
Ashton silt loam, 0 to 3 percent slopes
Ashton silt loam, 3 to 8 percent slopes
Ashton silt loam, 3 to 10 percent slopes
Barbour and Pope fine sandy loams
Barbour and Pope fine sandy loams, high bottom
Barbour and Pope gravelly sandy loams
Barbour and Pope gravelly sandy loams, high bottom
Braddock gravelly loam, 3 to 8 percent slopes
Buchanan channery loam, 3 to 8 percent slopes
Calvin channery silt loam, 3 to 10 percent slopes
Calvin channery silt loam, neutral substratum, 3 to 10 percent slopes
Calvin silt loam, 3 to 8 percent slopes
Calvin silt loam, 3 to 10 percent slopes

Calvin silt loam, neutral substratum, 3 to 8 percent slopes
Calvin-Berks shaly silt loams, 3 to 8 percent slopes
Captina silt loam, 0 to 3 percent slopes
Chagrin silt loam
Chagrin loam
Chagrin loam gravelly variant, 3 to 8 percent slopes
Chagrin fine sandy loam
Chavies fine sandy loam, 0 to 3 percent slopes
Chavies fine sandy loam, 3 to 8 percent slopes
Chavies gravelly sandy loam
Chavies loam
Chavies silt loam
Cheat silt loam, 3 to 8 percent slopes
Clymer fine sandy loam
Clymer fine sandy loam, 3 to 8 percent slopes
Clymer fine sandy loam 3 to 10 percent slopes
Clymer gravelly loam, 3 to 8 percent slopes
Clymer gravelly loam, 3 to 10 percent slopes
Clymer loam, 0 to 3 percent slopes
Clymer loam, 3 to 8 percent slopes
Clymer loam, 3 to 10 percent slopes
Cookport loam, 2 to 8 percent slopes
Cotaco loam
Cotaco silt loam, 0 to 3 percent slopes
Culleoka silt loam, 3 to 8 percent slopes
Culleoka-Westmoreland silt loams, 3 to 8 percent slopes
Dekalb fine sandy loam, 3 to 8 percent slopes
Duffield gravelly silt loam, 3 to 8 percent slopes
Duffield silt loam, 2 to 6 percent slopes

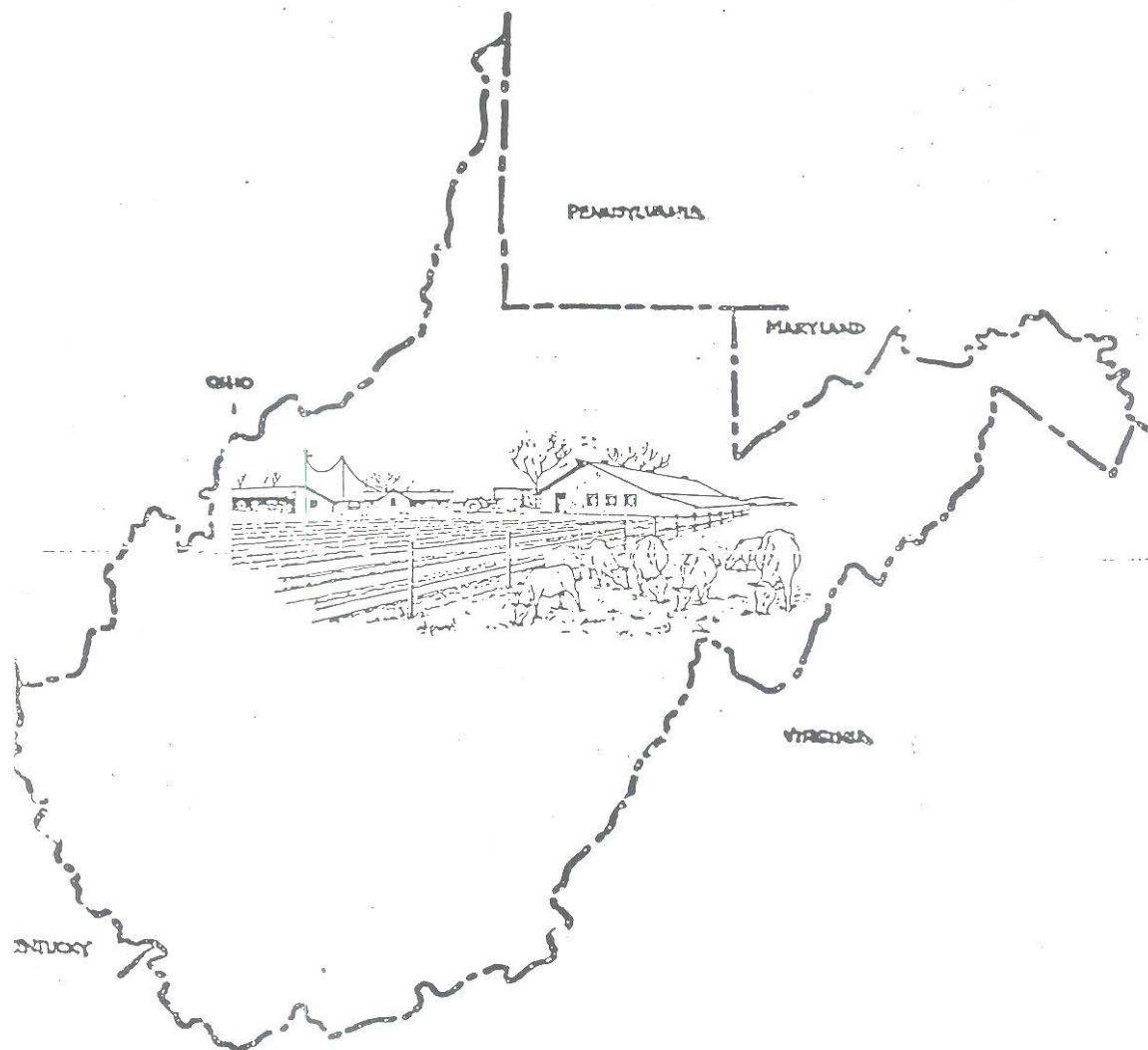
Duffield silt loam, 3 to 8 percent slopes
Dunmore cherty silt loam, 3 to 8 percent slopes
Dunmore cherty fine sandy loam, 3 to 8 percent slopes
Frankstown silt loam, 3 to 8 percent slopes
Frankstown shaly silt loam, 2 to 6 percent slopes
Frankstown shaly silt loam, 3 to 8 percent slopes
Frederick gravelly loam, thick surface, 3 to 8 percent slopes
Frederick silt loam, 3 to 8 percent slopes
Frederick cherty silt loam, 3 to 8 percent slopes
Frederick cherty loam, 3 to 8 percent slopes
Gilpin silt loam, 3 to 8 percent slopes
Gilpin-Berks shaly silt loams, 3 to 8 percent slopes
Gilpin silt loam, soft shale substratum, 0 to 3 percent slopes
Gilpin silt loam, soft shale substratum, 3 to 8 percent slopes
Hackers loam, 0 to 3 percent slopes
Hackers loam, 3 to 8 percent slopes
Hackers silt loam, 0 to 3 percent slopes
Hackers silt loam, 3 to 8 percent slopes
Hackers silt loam, 3 to 10 percent slopes
Hagerstown silt loam, 0 to 3 percent slopes
Hagerstown silt loam, 2 to 6 percent slopes
Hagerstown silt loam, 3 to 8 percent slopes
Hagerstown silt loam, karst, 3 to 8 percent slopes
Hagerstown silty clay loam, 3 to 8 percent slopes
Hagerstown and Frederick cherty silt loams, 2 to 6 percent slopes
Haftsells and Wellston fine sandy loams, 3 to 8 percent slopes
Holston silt loam, 2 to 8 percent slopes
Huntington silt loam
Huntington fine sandy loam

Huntington fine sandy loam, 0 to 3 percent slopes
Huntington fine sandy loam, 0 to 5 percent slopes
Huntington loam
Huntington silt loam, 0 to 3 percent slopes
Huntington silt loam, 3 to 10 percent slopes
Huntington silt loam, local alluvium
Huntington silty clay loam, 0 to 3 percent slopes
Huntington silt loam, low bottom
Kanawha gravelly fine sandy loam
Kanawha silt loam
Kanawha loam
Kanawha fine sandy loam, 0 to 3 percent slopes
Kanawha fine sandy loam, 3 to 8 percent slopes
Laidig channery loam, 3 to 8 percent slopes
Landes fine sandy loam
Lily loam
Lily loam, 3 to 8 percent slopes
Linden fine sandy loam
Lindside silt loam
Lobdell silt loam
Markland silt loam, 0 to 2 percent slopes
Markland silt loam, 2 to 6 percent slopes
Mackesville channery silt loam, 3 to 8 percent slopes
Meckesville silt loam, 3 to 8 percent slopes
Monongahela and Tilsit silt loams, 0 to 3 percent slopes
Monongahela silt loam, 0 to 2 percent slopes
Monongahela silt loam, 0 to 3 percent slopes
Moshannon silt loam, 0 to 3 percent slopes
Moshannon silt loam, 3 to 8 percent slopes

Moshannon silt loam, 3 to 10 percent slopes
Moshannon gravelly silt loam
Moshannon silt loam, coarse subsoil variant
Murrill gravelly silt loam, 3 to 8 percent slopes
Murrill gravelly loam, 3 to 8 percent slopes
Murrill channery loam, 3 to 8 percent slopes
Muskingum silt loam, 3 to 8 percent slopes
Muskingum silt loam, 3 to 10 percent slopes
Muskingum channery silt loam, 3 to 8 percent slopes
Nolin silt loam
Philo gravelly loam
Philo loam
Philo fine sandy loam
Philo silt loam
Philo silt loam, high bottom
Pope and Linden fine sandy loams
Pope fine sandy loam, 0 to 3 percent slopes
Pope fine sandy loam, 0 to 6 percent slopes
Pope fine sandy loam, sandy subsoil variant
Pope fine sandy loam
Pope gravelly sandy loam
Pope sandy loam
Pope Variant sandy loam
Pope loam
Pope loamy sand
Pope silt loam
Pope gravelly silt loam
Rayne silt loam, 3 to 8 percent slopes
Rayne silt loam, 3 to 10 percent slopes

Sciotoville silt loam
Sciotoville silt loam, 0 to 3 percent slopes
Senecaville silt loam
Senecaville silt loam, 0 to 3 percent slopes
Sensabaugh silt loam
Sequatchie fine sandy loam
Sequatchie fine sandy loam, 0 to 3 percent slopes
Shelocta silt loam, 3 to 8 percent slopes
Shelocta channery loam, 3 to 8 percent slopes
Shouns silt loam, 3 to 8 percent slopes
Summers loam, 3 to 8 percent slopes
Summers channery fine sandy loam, 3 to 8 percent slopes
Teas and Calvin silt loams, 3 to 8 percent slopes
Teas-Calvin-Litz silt loams, 3 to 8 percent slopes
Westmoreland silt loam, 3 to 8 percent slopes
Wheeling fine sandy loam, 0 to 3 percent slopes
Wheeling fine sandy loam, 3 to 8 percent slopes
Wheeling sandy loam, 0 to 3 percent slopes
Wheeling silt loam, 0 to 3 percent slopes
Wheeling silt loam, 3 to 8 percent slopes
Zoar silt loam, 0 to 3 percent slopes
Zoar silt loam, 2 to 6 percent slopes

WEST VIRGINIA'S PRIME FARMLAND
SOIL MAPPING UNITS



USDA SOIL CONSERVATION SERVICE
75 HIGH STREET, ROOM 301
MORGANTOWN, WEST VIRGINIA 26505

PHONE: 304-291-4151

4/82

Prime farmland is land best suited for producing food, feed, forage, fiber, and oilseed crops. It has the soil quality, growing season, and moisture supply needed to produce sustained high yields of crops economically when treated and managed according to modern farming methods. Prime farmland gives the highest yields with the lowest inputs of energy or money and with the least damage to the environment. It can be farmed indefinitely with good management.

Prime farmland meets the following criteria:

1. The soils have an adequate moisture supply either by natural rainfall or irrigation and have good water storage capacity.
2. The soils have a mean annual soil temperature higher than 32°F (0°C) at a depth of 20 inches.
3. The soils have a pH between 4.5 – 8.4 in all horizons within a depth of 40 inches or in the root zone if the root zone is less than 40 inches.
4. The soils have no water table or a water table that is maintained at a sufficient depth during the growing season to allow food, feed, fiber, forage, and oilseed crops common to the area to be grown.
5. The soils are neither very salty or high in sodium content.
6. The soils are not flooded frequently during the growing season.
7. The soils product of K (erodibility factor) x percent slope is less than 2.0.
8. The soils have a permeability rate of at least 0.06 inches per hour in the upper 20 inches.
9. The soils surface layer has less than 10 percent cover of rock fragments coarser than 3 inches.

Unless otherwise noted, the average slope of a map unit was used in determining the product of K-factor x slope. For example, the average slope of a map unit with a slope range of 3 to 8 percent is 5.5; one with a range of 3 to 10 percent is 6.5.

The following list of soil map units should only be used as a guide in evaluating a particular area of land. On-site investigation is necessary to make a final determination.

PRIME FARMLAND MAPPING UNITS

Albrights silt loam, 3 to 8 percent slopes
Allegheny fine sandy loam, 3 to 8 percent slopes
Allegheny loam, 0 to 3 percent slopes
Allegheny loam, 3 to 8 percent slopes
Allegheny loam, shale substratum, 3 to 8 percent slopes
Allegheny loam, 3 to 10 percent slopes 3/
Allegheny silt loam, 2 to 8 percent slopes
Allegheny silt loam, 3 to 8 percent slopes
Allen loam, 3 to 10 percent slopes 4/
Ashton fine sandy loam
Ashton fine sandy loam, 0 to 3 percent slopes
Ashton fine sandy loam, 3 to 8 percent slopes
Ashton loam
Ashton silt loam, 0 to 3 percent slopes
Ashton silt loam, 3 to 8 percent slopes
Ashton silt loam, 3 to 10 percent slopes (Wood - Wirt Cos.) 3/
Atkins silt loam 1/, 2/
Atkins silty clay loam 1/, 2/

Barbour and Pope fine sandy loam 2/
Barbour and Pope fine sandy loam, high bottom
Basher fine sandy loam 2/
Belmont silt loam, 3 to 8 percent slopes
Belmont silt loam, 3 to 10 percent slopes 3/
Benevola silty clay loam, 2 to 6 percent slopes
Blago silt loam 1/
Blago silty clay loam 1/
Blairton silt loam, 0 to 3 percent slopes 1/
Blairton silt loam, 2 to 6 percent slopes 1/
Braddock gravelly loam, 3 to 8 percent slopes
Braddock gravelly loam, 2 to 6 percent slopes
Brinkerton silt loam 1/
Brinkerton silt loam, 0 to 3 percent slopes 1/
Brinkerton silt loam, 3 to 8 percent slopes 1/
Brinkerton Variant silt loam, 3 to 8 percent slopes (Randolph Co.) 1/
Brookside silt loam, 3 to 8 percent slopes 4/
Buchanan channery loam, 3 to 8 percent slopes
Buchanan gravelly loam, 3 to 8 percent slopes
Calvin silt loam, high base substratum, 3 to 8 percent slopes 4/
Captina silt loam, 0 to 3 percent slopes
Carbo silty clay loam, 2 to 8 percent slopes
Cavode silt loam, 3 to 8 percent slopes 4/
Chagrin loam 2/
Chagrin fine sandy loam 2/
Chagrin silt loam 2/
Chavies silt loam
Chavies loam
Chavies fine sandy loam
Chili loam
Chilo sandy loam, 0 to 3 percent slopes 1/
Clarksburg silt loam, 3 to 8 percent slopes 4/
Clarksburg silt loam, 3 to 10 percent slopes 4/
Clarksburg channery silt loam, 3 to 8 percent slopes

Clymer fine sandy loam, 3 to 10 percent slopes
 Clymer gravelly loam, 3 to 10 percent slopes
 Clymer loam, 0 to 3 percent slopes
 Clymer loam, 3 to 10 percent slopes
 Cookport loam, 2 to 8 percent slopes
 Cookport loam, 3 to 8 percent slopes
 Cookport silt loam, 2 to 10 percent slopes
 Cookport silt loam, 3 to 8 percent slopes
 Cotaco loam, 1 to 10 percent slopes 6/ = *plow call to F.D. Ch: 125 9-22-83*
 Cotaco silt loam, 0 to 3 percent slopes
 Culleoka-Westmoreland silt loams, 3 to 8 percent slopes 4/

 Dormont and Guernsey silt loams, 3 to 8 percent slopes 5/
 Duffield silt loam, 2 to 6 percent slopes
 Duffield silt loam, 3 to 8 percent slopes
 Duffield gravelly silt loam, 3 to 8 percent slopes
 Duncannon silt loam, 3 to 8 percent slopes 4/
 Dunmore cherty silt loam, 3 to 8 percent slopes
 Dunmore silt loam, 3 to 8 percent slopes
 Dunning silt loam 1/, 2/
 Dunning silty clay loam 1/, 2/

 Elkins silty clay loam 1/, 2/
 Ernest silt loam, 3 to 8 percent slopes 5/
 Ernest silt loam, 3 to 10 percent slopes 5/

 Frankstown silt loam, 2 to 10 percent slopes 4/
 Frankstown shaly silt loam, 2 to 6 percent slopes
 Frankstown shaly silt loam, 3 to 8 percent slopes
 Frederick cherty silt loam, 3 to 8 percent slopes
 Frederick gravelly loam, thick surface, 3 to 8 percent slopes
 Frederick silt loam, 3 to 8 percent slopes

 Gallia silt loam, 3 to 10 percent slopes 4/
 Gallia loam, 3 to 8 percent slopes 4/
 Gilpin channery silt loam, 3 to 10 percent slopes
 Gilpin silt loam, 3 to 8 percent slopes 6/
 Gilpin silt loam, soft shale substratum, 0 to 3 percent slopes
 Gilpin silt loam, soft shale substratum, 3 to 8 percent slopes
 Ginat silt loam 1/
 Ginat silt loam, 0 to 3 percent slopes 1/
 Glenford silt loam
 Guernsey silt loam, 3 to 8 percent slopes 5/
 Guthrie silty clay loam 1/

 Hackers loam, 0 to 3 percent slopes
 Hackers silt loam, 3 to 8 percent slopes
 Hackers silt loam
 Hackers silt loam, 0 to 3 percent slopes
 Hackers loam, 3 to 10 percent slopes (Calhoun – Roane Cos., Wood – Wirt Cos.) 3/
 Hackers silt loam, 3 to 10 percent slopes (Calhoun – Roane Cos., Wood – Wirt Cos.) 3/
 Hagerstown gravelly silt loam, 3 to 8 percent slopes
 Hagerstown silt loam, 0 to 3 percent slopes
 Hagerstown silt loam, 2 to 6 percent slopes
 Hagerstown silt loam, 3 to 8 percent slopes

Hagerstown silty clay loam, 3 to 8 percent slopes
 Hagerstown and Frederick cherty silt loams, 2 to 6 percent slopes
 Hartsells and Wellston fine sandy loam, 3 to 10 percent slopes
 Holly silt loam 1/, 2/
 Holston silt loam, 2 to 8 percent slopes
 Huntington loam 2/
 Huntington fine sandy loam 2/
 Huntington fine sandy loam, 0 to 3 percent slopes 2/
 Huntington fine sandy loam, 0 to 5 percent slopes 2/
 Huntington silt loam 2/
 Huntington silt loam, 0 to 3 percent slopes 2/
 Huntington silt loam, 3 to 10 percent slopes 2/
 Huntington silt loam, local alluvium 2/
 Huntington silt loam, low bottom 2/
 Huntington silty clay loam, 0 to 3 percent slopes 2/

 Kanawha fine sandy loam
 Kanawha fine sandy loam, 0 to 3 percent slopes
 Kanawha fine sandy loam, 3 to 8 percent slopes
 Kanawha loam
 Kanawha loam, 0 to 3 percent slopes
 Kanawha loam, 3 to 8 percent slopes

 Laidig channery loam, 3 to 8 percent slopes
 Laidig gravelly loam, 3 to 8 percent slopes
 Landes fine sandy loam 2/
 Leadvale silt loam (Ernest), 3 to 8 percent slopes 2/
 Leadvale silt loam (Ernest), 3 to 10 percent slopes 5/
 Lily loam, 3 to 8 percent slopes
 Lindside silt loam 2/
 Lindside silt loam, 0 to 3 percent slopes 2/
 Lindside silt loam, local alluvium 2/
 Lindside silt loam, local alluvium, 0 to 3 percent slopes 2/
 Lindside silt loam, local alluvium, 3 to 8 percent slopes 2/
 Lindside and Lobdell soils 2/
 Lobdell loam 2/
 Lobdell silt loam 2/
 Lobdell 2/ - Holly 1/, 2/ silt loams

 Markland silt loam, 3 to 10 percent slopes 5/
 Massanetta loam 2/
 Meckesville silt loam, 3 to 8 percent slopes
 Meckesville silt loam, 3 to 10 percent slopes
 Melvin silt loam 1/, 2/
 Melvin silt loam, 0 to 3 percent slopes 1/, 2/
 Melvin silty clay loam, 0 to 3 percent slopes 1/, 2/
 Melvin 1/, 2/ - Lindside 2/ silt loams
 Monongahela silt loam, 0 to 2 percent slopes
 Monongahela silt loam, 0 to 3 percent slopes
 Monongahela silt loam, 2 to 6 percent slopes
 Monongahela silt loam, 2 to 8 percent slopes 5/
 Monongahela silt loam, 3 to 8 percent slopes 5/
 Monongahela Variant fine sandy loam, 3 to 8 percent slopes (Grant - Hardy Cos.)
 Monongahela and Tilsit silt loams, 0 to 3 percent slopes
 Monongahela silt 0-10 5/

Monongahela and Tilsit silt loams, 3 to 10 percent slopes 5/
Moshannon silt loam 2/
Moshannon silt loam, 0 to 3 percent slopes 2/
Moshannon silt loam, low bottom 2/
Moshannon silt loam, coarse subsoil Variant 2/
Murrill channery loam, 3 to 8 percent slopes
Murrill channery loam, clayey subsoil Variant, 3 to 8 percent slopes (Hampshire - Mineral - Morgan Cos.)
Murrill gravelly loam, 3 to 8 percent slopes
Murrill gravelly silt loam, moderately deep, 0 to 3 percent slopes
Murrill gravelly silt loam, moderately deep, 3 to 8 percent slopes
Murrill silt loam, 0 to 3 percent slopes

Nolin silt loam 2/
Nolo silt loam, 0 to 5 percent slopes 1/

Orrville silt loam 1/, 2/
Orrville-Holly silt loams 1/, 2/
Orrville 1/, 2/ - Lobdell 2/ Complex
Otwell silt loam, 0 to 3 percent slopes
Otwell silt loam, 3 to 8 percent slopes 5/

Philo fine sandy loam 2/
Philo gravelly loam 2/
Philo loam 2/
Philo silt loam 2/
Philo Variant silt loam (Randolph Co.)
Philo 2/ - Atkins 1/, 2/ silt loams
Pickaway silt loam, overwash, 0 to 3 percent slopes
Pope fine sandy loam 2/
Pope fine sandy loam, 0 to 6 percent slopes 2/
Pope gravelly silt loam 2/ (Hampshire - Mineral - Morgan Cos.)
Pope gravelly sandy loam 2/ (Hampshire - Mineral - Morgan Cos.)
Pope sandy loam 2/
Pope silt loam 2/
Pope and Linden fine sandy loams 2/
Pope 2/ - Atkins 1/, 2/ Complex
Purdy silt loam 1/
Purdy silty clay loam 1/

Rayne silt loam, 3 to 10 percent slopes
Rayne silt loam, 3 to 8 percent slopes
Robertsville silt loam 1/
Robertsville silt loam, 0 to 5 percent slopes 1/

Sciotoville silt loam, 0 to 3 percent slopes
Sciotoville silt loam, 3 to 8 percent slopes 4/
Sees silt loam, 0 to 3 percent slopes
Sees silt loam, 3 to 8 percent slopes 4/
Sees silty clay loam
Senecaville silt loam 2/
Senecaville silt loam, 0 to 3 percent slopes 2/
Senecaville silt loam, low bottom 2/
Senecaville silt loam, rarely flooded

Sensabaugh silt loam 2/
 Sensabaugh silt loam, rarely flooded, 3 to 8 percent slopes
 Sequatchie fine sandy loam
 Sequatchie fine sandy loam, 0 to 3 percent slopes
 Shelocta silt loam, 3 to 8 percent slopes
 Shelocta silt loam, 3 to 10 percent slopes 3/
 Shouns silt loam, 3 to 8 percent slopes

 Taggart silt loam 1/
 Tilsit fine sandy loam, 3 to 8 percent slopes 5/
 Tilsit silt loam, 2 to 8 percent slopes 5/
 Tilsit silt loam, 3 to 8 percent slopes 5/
 Tilsit and Wharton silt loams, 0 to 3 percent slopes
 Tioga fine sandy loam 2/
 Tygart silt loam 1/
 Tygart silt loam, 0 to 3 percent slopes 1/
 Tygart silt loam, 3 to 8 percent slopes 1/, 5/
 Tygart Variant silt loam 1/ (Randolph, Mercer – Summers Cos.)
 Tyler silt loam 1/
 Tyler silt loam, 0 to 2 percent slopes 1/
 Tyler silt loam, 0 to 6 percent slopes 1/
 Tyler silt loam, 2 to 6 percent slopes 1/

 Vincent silt loam, 3 to 8 percent slopes 5/

 Waynesboro gravelly loam, 3 to 8 percent slopes
 Wellston silt loam (Rayne), 3 to 10 percent slopes
 Westmoreland silt loam, 3 to 8 percent slopes 4/
 Westmoreland silt loam, 3 to 10 percent slopes 4/
 Wharton silt loam, 3 to 8 percent slopes 4/
 Wharton channery silt loam, 3 to 8 percent slopes
 Wheeling fine sandy loam, 0 to 3 percent slopes
 Wheeling fine sandy loam, 3 to 8 percent slopes 4/
 Wheeling fine sandy loam, 3 to 10 percent slopes 4/
 Wheeling sandy loam, 0 to 3 percent slopes
 Wheeling sandy loam, 3 to 10 percent slopes 4/
 Wheeling silt loam, 0 to 3 percent slopes
 Wheeling silt loam, 3 to 10 percent slopes 4/
 Wyatt silt loam, 3 to 8 percent slopes 5/

 Zoar silt loam, 2 to 6 percent slopes
 Zoar silt loam, 3 to 8 percent slopes 5/
 Zoar silt loam, 3 to 10 percent slopes 5/

Footnotes

- 1/ If adequately drained.
- 2/ If not frequently flooded during growing season.
- 3/ If slope is less than 6.3 percent.
- 4/ If slope is less than 5.4 percent.
- 5/ If slope is less than 4.7 percent.
- 6/ " " " " " 6.0 "